

RAW SEQUENCE LISTING

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Application Serial Number: 10/538,636
Source: PCT
Date Processed by STIC: 06-21-2005

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/538,636

DATE: 06/21/2005
TIME: 13:51:01

Input Set : A:\pto.da.TXT
Output Set: N:\CRF4\06172005\J538636.raw

3 <110> APPLICANT: Nichirei Corporation
5 <120> TITLE OF INVENTION: Primers and probes for detection of vibrio cholera or vibrio
mimicus and
6 method of using thereof
9 <130> FILE REFERENCE: PH-1967-PCT
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/538,636
C--> 12 <141> CURRENT FILING DATE: 2005-06-10
14 <150> PRIOR APPLICATION NUMBER: JP 2002/362878
15 <151> PRIOR FILING DATE: 2002-12-13
17 <160> NUMBER OF SEQ ID NOS: 6
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 885
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence of
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27 and vibrio mimicus -gyrB
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32 caagcaccgt tgkctgtrgt rggtaakacw gagcgtaccg gtactaccgt acgtttctgg 180
33 ccwagygcac aracyttac caatatatcgaa ttcattacg acattytggc taaacgyctg 240
34 cgtgagctgt cattcctgaa ytcctggcggt tcgatcaagc tgaysgatga rcgtgaagaa 300
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36 cgyaayaaaaa cgccratcca tgaraaaagt m ttccacttya accaagagcg tgaagatggc 420
37 atcagcgtgg aagtggcrat gcagtggaaay gatggttcc aagaaaaacat ctactgctt 480
38 acyaacaaca tyccacagcg tggatgggggt acccayttag cyggtttccg tggtgcrttg 540
39 acccgtactt tgaacaacta yatggayaaa gaaggcttct cgaagaaagc scaagcrgca 600
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41 cctaaattct cragccaaac caaagataag ctrgtttctt cggargtraa atccgcrgtt 720
42 gartcagcya tgaatgagaa gctggcrgat ttcctrccgg aaaacccaag cgaagcggaa 780
43 aacgtttgtt cgaagattat tggatgcrgcr cghgckcgtg aagcvgcgcg taaagcmcgk 840
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47 <211> LENGTH: 822
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence of
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53 and vibrio mimicus -rpoD
55 <400> SEQUENCE: 2

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58 agtgcgatttctgagtatcc tgaaaccatccwtaattttgarcagtt tgaymrkgtt 120

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59 caggcmgaag arctacgtct sactgayctg atttcwggtt tcgttgaycc taacgacatg 180
 60 gaaaccgaag cgccaacaygc kactcacatc ggtcwgarc tytctgaagc sgatctcgck 240
 61 gatgaagatg aygmkgtcgy sgargatgaa gacgargatg aagayaaga yggcgacggt 300
 62 gaaagyagcg acagcgaaga agaagtsggt atygaccctg arctsgctcg tgagaaaattc 360
 63 aatgaactgc gcggyaagtt cccaaacctg caattagcgg ttaatgaatt tggtcgtgac 420
 64 agtmaycaag cwtctgaagc ktcarrcytr gtrytggata tyttccgya attccgycta 480
 65 acaccaaarc aattygacca yttgggtgaa actctgcgya cytcratgga tcgtgttcgy 540
 66 acccaagarc gyttggtrat gaaagcvgtr gttgaagtcg cgaaratgcc raagaaaatcr 600
 67 ttyatygcyc trtttacagg caatgaatcg aatgargart ggctbgataa agtvctygt 660
 68 tctgayaarc cttaygtasm raaagtmcgt gagcaagaag amgakatygc ccgytcaaty 720
 69 caraaactdc aratgatcga rcargagacw tcactgtctg ttgarcgat caaagacatc 780
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 77 <220> FEATURE:
 78 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence vibrio cholera-gyrb
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 85 gaaaccgaag cgccaacaygc kactcacatc ggtcwgarc tytctgaagc sgatctcgck 240
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 87 gaaagyagcg acagcgaaga agaagtsggt atygaccctg arctsgctcg tgagaaaattc 360
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 89 agtmaycaag cwtctgaagc ktcarrcytr gtrytggata tyttccgya attccgycta 480
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 91 acccaagarc gyttggtrat gaaagcvgtr gttgaagtcg cgaaratgcc raagaaaatcr 600
 92 ttyatygcyc trtttacagg caatgaatcg aatgargart ggctbgataa agtvctygt 660
 93 tctgayaarc cttaygtasm raaagtmcgt gagcaagaag amgakatygc ccgytcaaty 720
 94 caraaactdc aratgatcga rcargagacw tcactgtctg ttgarcgat caaagacatc 780
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 106 <400> SEQUENCE: 4
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 109 caggccgaag agtacgtct cactgacctg atttcagggtt tcgttgaycc taacgacatg 180
 110 gaaaccgaag cgccaacccgc gactcacatc gggttctgagc tttctgaagc ggatctcgcg 240
 111 gatgaagatg atgctgtcgat cgaagatgaa gacgaaatcg aagacgaaatcg tggcgacggt 300
 112 gaaagcagcg acagcgaaga agaagtcggt atcggaccctg aactggctcg tgagaaaattc 360
 113 aatgaactgc gcggyaagtt cccaaacctg caattagcgg ttaatgaatt tggtcgtgac 420
 114 agtcatcaag cttctgaagc gtcagactta gtgytggata tcttccgtga attccgycta 480

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115 acaccaaagg aattcgacca cttgggtgaa actctgcgca cttcaatgga tcgtgttcgc 540
 116 acccaagaac gtttgtrat gaaagcggta gttgaagtcg cgaagatgcc gaagaaatcg 600
 117 ttcatcgccc tatttacagg caatgaatcg aatgaagagt ggctggataa agtcccttgc 660
 118 tctgacaagg cttacgtgc gaaagtccgt gagcaagaag aagagatccg ccgttcaatt 720
 119 cagaaactac aaatgatcga gcaagagaca tcactgtctg ttgaacgcatt caaagacatc 780
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 123 <211> LENGTH: 885
 124 <212> TYPE: DNA
 125 <213> ORGANISM: Artificial Sequence
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 128 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus sequence of
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 129 gyrb
 131 <400> SEQUENCE: 5
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 134 caagcaccgt tgcgtctgtt gggtagact gagegtaccg gtactaccgt acgtttctgg 180
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 143 ccttaattct cragccaaac caaagataag ctrgtttctt cggargtgcgatcccggtt 720
 144 gagttagcca tgaatgagaa gctggcggat ttccctggcgg aaaacccaaag cgaagcggaa 780
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 150 <212> TYPE: DNA
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 155 rpoD
 157 <400> SEQUENCE: 6
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 162 gatgaagatg acgagggtcgc ggaggatgaa gacgaggatg aagatgaaga cggcgacgg 300
 163 gaaagyagcg acagcgaaga agaagtgggtt attgaccctg agtcgcctg tgagaaattc 360
 164 aatgaactgc gggcaagtt caaaacactg caattagcgg ttaatgaatt tggtcgatgc 420
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 168 ttattgcyc trtttacagg caatgaatcg aatgargaat ggctygtataa agtrctcgct 660
 169 tctgataarc cttatgtaca aaaagtacgt gagcaagaag acgatattcg ccgctcaatc 720

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170 caaaaactkc agatgatcga acargagact tcactgtctg ttgagcgtat caaagacatc 780
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/21/2005
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Input Set : A:\pto.da.TXT
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The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:3; Line(s) 78
Seq#:4; Line(s) 103
Seq#:5; Line(s) 128
Seq#:6; Line(s) 154

VERIFICATION SUMMARY

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Input Set : A:\pto.da.TXT

Output Set: N:\CRF4\06172005\J538636.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date